



CITY OF SAINT PAUL  
Christopher B. Coleman, Mayor

COMMERCE BUILDING  
8 Fourth Street East, Suite 200  
St Paul, Minnesota 55101-1024

Telephone: 651-266-9090  
Facsimile: 651-266-9124  
Web: [www.stpaul.gov/dsi](http://www.stpaul.gov/dsi)

## PRIVATE RESIDENTIAL POOLS AND HOT TUBS (63.120)

Private outdoor residential pools, both above and below ground **that exceed 5,000 gallons** (see below), and hot tubs are permitted as an accessory use within the rear yard or non-required side yard; except that, for multiple-family developments, the Planning Commission may determine the location of the pool or tub. Private outdoor pools and hot tubs shall meet the following requirements as applicable:

- (1) There shall be a distance of not less than ten (10) feet between the adjoining property line and the outside of the pool wall for above ground pools. For in-ground pools, there shall be a distance of not less than five (5) feet between the adjoining property line and the outside of the pool wall.
- (2) There shall be a distance of not less than four (4) feet between the outside pool wall and any building located on the same lot.
- (3) No swimming pools shall be located less than ten (10) feet from any side street or alley right-of-way, or the distance required for side yard by the zoning code, whichever is greater.
- (4) No swimming pool shall be located in a public easement.
- (5) All yards containing swimming pools shall be completely enclosed by an obscuring fence not less than four (4) feet in height. All yards of residential structures of three (3) or more units and commercial structures containing swimming pools shall be enclosed by an obscuring fence not less than five (5) feet in height. The gates shall be of a self-closing and self-latching type, with the latch on the inside of the gate, not readily available for children to open. Gates shall be capable of being securely locked when the pool is not in use.
- (6) All yards containing hot tubs shall be secured as in subsection (5) or shall have a cover which shall be locked when the hot tub is not in use.
- (7) Electrical: New electrical wiring for a swimming pool or hot tub requires an Electrical Permit and the wiring must be in conformance with the National Electrical Code, Article 680. For Overhead Conductor Clearances- see the back of this handout. Check with Electrical Inspector if there are any questions (651) 266-9003.

### GALLONS OF WATER IN POOLS

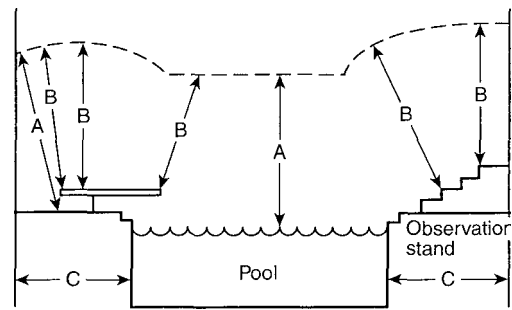
WATER HEIGHT	DIAMETER IN FEET				
	14	15	16	17	18
3 FEET	3454	3965	4512	5093	5710
4 FT-6 IN	4030	4626	5264	5942	
4 FEET	4606	5287	6016		

**680.8 Overhead Conductor Clearances.**

**(A) Power.** With respect to service drop conductors and open overhead wiring, swimming pool and similar installations shall comply with the minimum clearances given in Table 680.8 and illustrated in Figure 680.8.

**Table 680.8 Overhead Conductor Clearances**

Clearance Parameters	Insulated Cables, 0-750 Volts to Ground, Supported on and Cabled Together with and Effectively Grounded Bare Messenger or Effectively Grounded Neutral Conductor		All Other Conductors Voltage to Ground			
	m	ft	0 through 15 kV		Over 15 through 50 kV	
			m	ft	m	ft
A. Clearance in any direction to the water level, edge of water surface, base of diving platform, or permanently anchored raft	6.9	22.5	7.5	25	8.0	27
B. Clearance in any direction to the observation stand, tower, or diving platform	4.4	14.5	5.2	17	5.5	18
C. Horizontal limit of clearance measured from inside wall of the pool	This limit shall extend to the outer edge of the structures listed in A and B of this table but not to less than 3 m (10 ft).					



**Figure 680.8 Clearances from pool structures.**

**(B) Communication Systems.** Communication, radio, and television coaxial cables within the scope of Articles 800 through 820 shall be permitted at a height of not less than 3.0m (10ft) above swimming and wading pools, diving structures, and observation stands, towers, or platform.

**680.10 Underground Wiring Location.** Underground wiring shall not be permitted under the pool or within the area extending 1.5m (5ft) horizontally from the inside wall of the pool unless the wiring is necessary to supply pool equipment permitted by this article. Where space limitations prevent wiring from being routed a distance 1.5m (5ft) or more from the pool, such wiring shall be permitted where installed in rigid metal conduit intermediate metal conduit, or a nonmetallic raceway system. All metal conduits shall be corrosion resistant and suitable for the location.